

Message Text

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ORIGIN SSM-05

INFO OCT-01 NEA-10 IO-11 ISO-00 OC-05 CCO-00 OPR-02 A-01

DODE-00 INR-07 CIAE-00 PM-04 SS-15 NSC-05 SY-05 /071 R

DRAFTED BY SSM:COL DLAYNE

APPROVED BY SSM:CWKONTOS

SSM:CLSTILES

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FM SECSTATE WASHDC

TO USMISSION SINAI PRIORITY

C O N F I D E N T I A L STATE 081501

E.O. 11652: GDS

TAGS: AEMR, PFOR, EG, IS

SUBJECT: SFM PROTECTIVE SHELTER

REF: A) SINAI 0406, B) SINAI 0470

1. THE RATIONALE AND BASIC SPECIFICATIONS FOR PROTECTIVE COVER PRESENTED IN REF A WAS VERY INFORMATIVE AND AS MODIFIED BY REF B PROVIDES A SOUND AND MUCH MORE REASONABLE APPROACH. THE ESTIMATED COST BY CALLAWAY APPEARS TO BE A GOOD FIGURE AND WE ARE HOPING THAT THE COST DATA (LABOR AND MATERIALS) DEVELOPED BY "ESY" WILL BE IN THE SAME BALL PARK. IN THE MEANTIME WE ARE CHECKING WITH DOD SOURCES TO DETERMINE IF ANY OF THEIR PREFAB PROTECTIVE SHELTERS WOULD MEET OUR REQUIREMENTS AND COULD BE PROVIDED IN A TIMELY MANNER.

2. THERE ARE SEVERAL OTHER ALTERNATIVES THAT MAY BE WORTH- WHILE INVESTIGATING. A) USE OF A CONCRETE MODULE ASSUMING THAT ONE BECOMES AVAILABLE AND COULD BE LOWERED INTO A DEFILADE POSITION BY ON-SITE CRANE AND B) PROCUREMENT AND INSTALLATION OF THE PRECAST CONCRETE "QUONSET TYPE"

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SHELTER USED BY THE IDF. IN ERECTION OF ANY OF THESE WE

SHOULD CONSIDER BACK FILLING WITH LAYERS OF SAND AND ROCK
TO PROTECT AGAINST THE WORST CASE, I.E., AN ARTILLERY
ATTACK.

3. PROVISIONING OF THE SHELTER SHOULD INCLUDE MINIMUM
REQUIRED LIFE SUPPORT MATERIALS, SUCH AS BUNKS AND BEDDING
NON-PERISHABLE FOOD STORES AND WATER CONTAINERS. WE
ALSO RECOMMEND THAT THE SHELTER BE DESIGNED TO ACCOMMO-
DATE A SPARE HVAC UNIT AND RUDIMENTARY COOKING FACILI-
TIES. HEALTH AND COMFORT ITEMS SHOULD BE SPECIFIED IN
E AND E PLAN AND MOVED INTO THE SHELTER WHEN PHASE
BRAVO IS EXECUTED.

4. WE DO NOT CONCUR WITH USE OF TRC-136 FOR EMERGENCY
COMM FOR SEVERAL REASONS. THESE UNITS (INCLUDING GENERA-
TORS) ARE ON LOAN FROM DOD AND WILL BE RETURNED UPON COM-
PLETION OF PERMANENT BASE CAMP. ADDITIONALLY, WE BELIEVE
THEY WOULD PROVE TO BE A MAINTENANCE PROBLEM. WE RECOM-
MEND THAT THE KWM-2A BE EMPLOYED FOR HF VOICE COMM AND
A SPARE VHF PORTABLE UNIT (AN/PRC-25) SET ON DESIGNATED
AIR/GROUND FREQUENCIES BE USED FOR COMM WITH SAR AIR-
CRAFT. ALTHOUGH WE HAVE NOT ANALYZED TOTAL POWER RE-
QUIREMENTS, WE BELIEVE THAT A 16.5 KW (WITTE) NOW USED
AT THE WATCH STATIONS WOULD BE SUFFICIENT AND SHOULD
USE LESS FUEL THAN A 60 OR 105 KW UNIT.

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Message Attributes

Automatic Decaptoning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: EMERGENCY PLANNING, MONITORING FACILITIES, BUILDINGS & GROUNDS
Control Number: n/a
Copy: SINGLE
Draft Date: 05 APR 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: ShawDG
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976STATE081501
Document Source: CORE
Document Unique ID: 00
Drafter: COL DLAYNE
Enclosure: n/a
Executive Order: GS
Errors: N/A
Film Number: D760128-0061
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760496/aaaadehs.tel
Line Count: 89
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN SSM
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: 76 SINAI 406, 76 SINAI 470
Review Action: RELEASED, APPROVED
Review Authority: ShawDG
Review Comment: n/a
Review Content Flags:
Review Date: 22 JUL 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <22 JUL 2004 by BoyleJA>; APPROVED <04 NOV 2004 by ShawDG>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: SFM PROTECTIVE SHELTER
TAGS: AEMR, PFOR, EG, IS, US
To: SINAI
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006